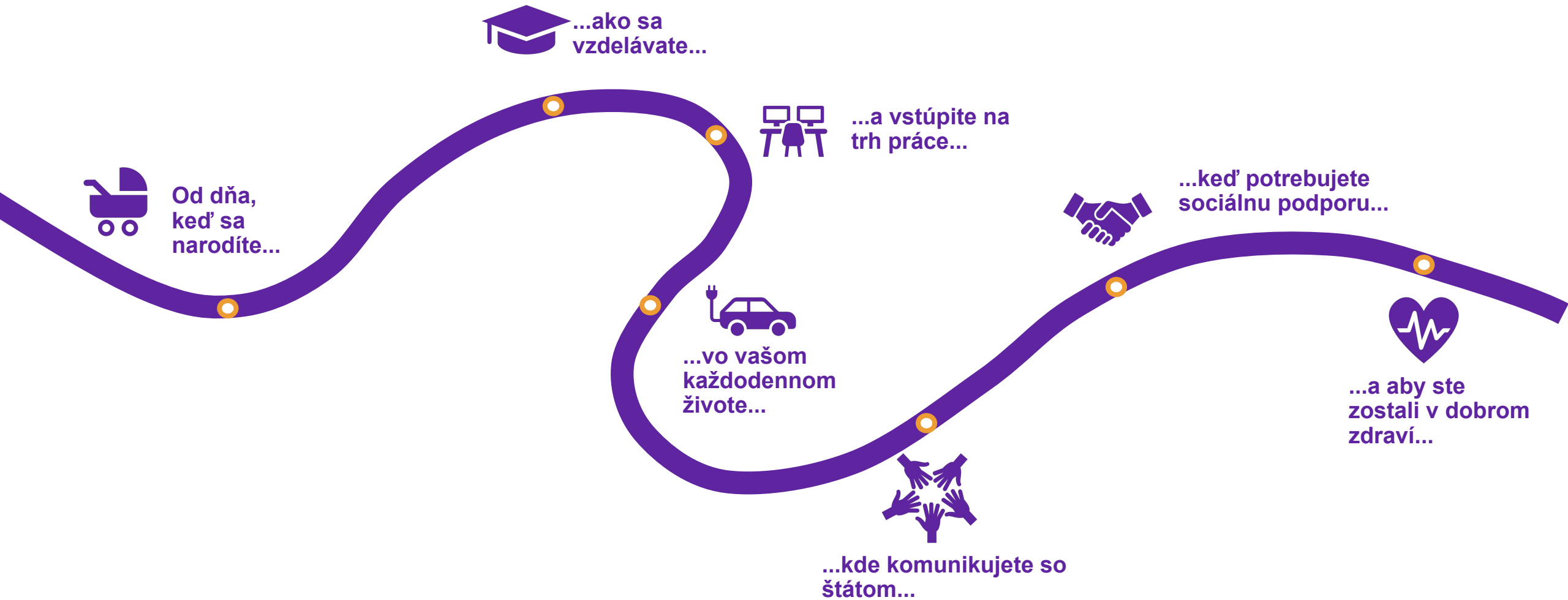


AI v službách verejnosti

Regulácie a cesta k úspešnej integrácii

December 2024

Cesta občana podporovaná umelou inteligenciou





Peter Hanzlík
Distinguished Technologist
DXC Technology

Technologický nadšenec s vášňou pre inovácie

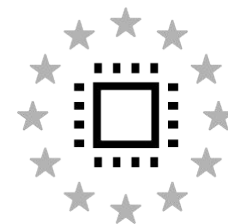
Prehľad legislatívy EÚ v digitálnom sektore

| Research & Innovation | Industrial Policy | Connectivity | Data & Privacy | IPR | Cybersecurity | Law Enforcement | Trust & Safety | E-commerce & Consumer Protection | Competition | Media | Finance |
|---|--|--|--|---|---|---|---|---|---|--|--|
| Digital Europe Programme Regulation, (EÚ) 2021/694 | Recovery and Resilience Facility Regulation, (EÚ) 2021/241 | Frequency Bands Directive, (EÚ) 1987/672 | ePrivacy Directive, (EÚ) 2002/58, 2017/600(COD) | Database Directive, (EÚ) 1996/9 | Regulation for a Cybersecurity Act, (EÚ) 2019/881, 2023/0118(COD) | Law Enforcement Directive, (EÚ) 2016/680 | Product Liability Directive (PLD), (EÚ) 1985/574, 2022/0320(COD) | Unfair Contract Terms Directive (UCTD), (EÚ) 1993/13 | EC Merger regulation, (EÚ) 2004/189 | Satellite and Cable Directive, (EÚ) 1993/63 | Common VAT system, (EÚ) 2006/112, 2022/0497(CNS) |
| Horizon Europe Regulation, (EÚ) 2021/695, (EÚ) 2021/764 | InvestEU Programme Regulation, (EÚ) 2021/623 | Radio Spectrum Decision, (EÚ) 2002/676 | European Statistics, (EÚ) 2009/223, 2023/0267(COD) | Community Design Directive, (EÚ) 2019/26, 2022/0931(COD) | Regulation to establish a European Cybersecurity Competence Centre, (EÚ) 2021/887 | Directive on combating fraud and counterfeiting of non-cash means of payment, (EÚ) 2019/713 | Toys Regulation, (EÚ) 2009/48, 2023/0290(COD) | Price Indication Directive, (EÚ) 1993/65 | Technology Transfer Block Exemption, (EÚ) 2014/516 | Information Society Directive, (EÚ) 2001/29 | Administrative cooperation in the field of taxation, (EÚ) 2011/16 |
| Regulation on a pilot regime for distributed ledger technology, (EÚ) 2022/868 | Connecting Europe Facility Regulation, (EÚ) 2021/1163 | Open Internet Access Regulation, (EÚ) 2015/120 | General Data Protection Regulation (GDPR), (EÚ) 2016/679 | Enforcement Directive (IPR), (EÚ) 2004/48 | NIS 2 Directive, (EÚ) 2022/2556 | Regulation on interoperability between EU information systems in the field of borders and visa, (EÚ) 2019/817 | European Standardization Regulation, (EÚ) 2012/1026 | E-commerce Directive, (EÚ) 2000/31 | Company Law Directive, 2023/0059(COD) | Audio-Visual Media Services Directive (AVMSD), (EÚ) 2010/13 | Payment Service Directive (PSD2), (EÚ) 2015/2366, 2023/0298(COD) |
| | Regulation on High Performance Computing Joint Undertaking, (EÚ) 2021/1173, 2023/0016(CNS) | European Electronic Communications Code Directive (EECC), (EÚ) 2018/1972 | Regulation to protect personal data processed by EU institutions, bodies, offices and agencies, (EÚ) 2018/1726 | Directive on the protection of trade secrets, (EÚ) 2016/943 | Cybersecurity Regulation, (EÚ) 2023/2841 | Regulation on terrorist content online, (EÚ) 2021/784 | Radio Equipment Directive (RED), (EÚ) 2014/53 | Unfair Commercial Practices Directive (UCPD), (EÚ) 2005/29 | Market Surveillance Regulation, (EÚ) 2019/1020 | Portability Regulation, (EÚ) 2017/1128 | Digital Operational Resilience Act (DORA Regulation), (EÚ) 2022/2554 |
| | Regulation on Joint Undertakings under Horizon Europe, (EÚ) 2021/2036, 2022/0033(NLE) | .eu top-level domain Regulation, (EÚ) 2019/517 | Regulation on the free flow of non-personal data, (EÚ) 2018/1807 | Design Directive, 2022/0332(COD) | Information Security Regulation, 2022/0054(COD) | Temporary CSAM Regulation, (EÚ) 2021/1232, 2022/0155(COD) | eIDAS Regulation (European Digital Identity Framework), (EÚ) 2014/910 | Directive on Consumer Rights (CRD), (EÚ) 2011/83 | P2B Regulation, (EÚ) 2019/1150 | Satellite and Cable II Directive, (EÚ) 2019/798 | Crypto-assets Regulation (MCA), (EÚ) 2023/1114 |
| | Decision on a path to the Digital Decade, (EÚ) 2022/2461 | Roaming Regulation, (EÚ) 2022/612 | Open Data Directive (PS), (EÚ) 2019/1024 | Compulsory licensing of patents, 2023/0129(COD) | Cyber Resilience Act, 2022/0272(COD) | E-evidence Regulation, (EÚ) 2023/1543 | Regulation for a Single Digital Gateway, (EÚ) 2018/1724 | e-Invoicing Directive, (EÚ) 2014/55 | Single Market Programme, (EÚ) 2021/690 | Copyright Directive, (EÚ) 2019/790 | Financial Data Access Regulation, 2023/0206(COD) |
| | European Chips Act (Regulation), (EÚ) 2023/1731 | Union Secure Connectivity Programme, (EÚ) 2021/688 | Data Governance Act (DGA Regulation), (EÚ) 2022/868 | Standard essential patents, 2023/0133(COD) | Cyber Solidarity Act (Regulation), 2023/0109(COD) | Digitalisation of cross-border judicial cooperation, (EÚ) 2023/2644 | General Product Safety Regulation, (EÚ) 2023/2644 | Regulation on cooperation for the enforcement of consumer protection laws, (EÚ) 2017/2394 | Vertical Block Exemption Regulation (VBER), (EÚ) 2022/720 | European Media Freedom Act, (EÚ) 2024/1083 | Payment Services Regulation, 2023/0210(COD) |
| | Establishing the Strategic Technologies for Europe Platform (STEP), (EÚ) 2024/736 | Gigabit Infrastructure Act, (EÚ) 2024/1309 | European Data Act (Regulation), (EÚ) 2023/2654 | | | Directive on combating violence against women, 2022/0066(COD) | Machinery Regulation, (EÚ) 2023/1230 | Geo-Blocking Regulation, (EÚ) 2018/302 | Digital Market Act (DMA Regulation), (EÚ) 2022/1925 | Remuneration of musicians from third countries for recorded music played in the EU | Digital euro, 2023/0212(COD) |
| | European critical raw materials act (Regulation), (EÚ) 2024/1262 | New radio spectrum policy programme (RSPP 2.0) | Interoperable Europe Act, (EÚ) 2024/303 | | | Directive for combating sexual abuse and child sexual abuse material, 2024/0038(COD) | AI Act (Regulation), 2021/0166(COD) | Digital content Directive, (EÚ) 2019/770 | Regulation on distortive foreign subsidies, (EÚ) 2022/2660 | | Regulation on combating late payment, 2023/0323(COD) |
| | Net Zero Industry Act, 2023/0091(COD) | Digital Networks Act | Regulation on data collection for short-term rental, (EÚ) 2024/1028 | | | Digitalization of travel documents | Eco-design Regulation, 2022/0095(COD) | Directive on certain aspects concerning contracts for the sale of goods, (EÚ) 2019/771 | Horizontal Block Exemption Regulations (HBER), (EÚ) 2022/1066, (EÚ) 2023/1067 | | |
| | EU Space Law | | European Health Data Space (Regulation), 2022/0114(COD) | | | AI Liability Directive, 2022/0308(COD) | Digital Services Act (DSA Regulation), (EÚ) 2022/2065 | Platform Work Directive, 2021/0414(COD) | | | |
| | | | Harmonisation of GDPR enforcement procedures, 2023/0262(COD) | | | | Political Advertising Regulation, (EÚ) 2024/500 | Single Market Emergency Instrument (SMEI), 2022/0478(COD) | | | |
| | | | Access to vehicle data, functions and resources | | | | Right to repair Directive, 2023/0083(COD) | | | | |
| | | | GreenData4all | | | | Consumer protection, strengthened enforcement, cooperation | | | | |

Zdroj:
https://www.bruegel.org/system/files/2024-06/Bruegel_factsheet_2024_0.pdf

Komplexné regulačné prostredie

Omnoho zložitejšie ako samotný Zákon o umelej inteligencii



EU Artificial Intelligence Act



Tieto regulácie (do veľkej miery) určujú spoločný súbor požiadaviek

| | Suverenita a ochrana údajov | Zvýšená bezpečnosť | Dohľad a kontrola človekom | Audit a sledovateľnosť | Riadenie (Governance) | Výkon a spoľahlivosť | Interoperabilita údajov |
|-----------------|-----------------------------|--------------------|----------------------------|------------------------|-----------------------|----------------------|-------------------------|
| EU AI Act | Orange | Orange | Orange | Orange | Orange | Orange | Orange |
| GDPR | Dark Green | Dark Green | Dark Green | Dark Green | Dark Green | Light Purple | Dark Green |
| Data Gov Act | Blue | Blue | Light Purple | Blue | Blue | Light Purple | Blue |
| EC Human Rights | Light Green | Light Purple | Light Green | Light Purple | Light Green | Light Purple | Light Purple |
| NIS Directive | Light Purple | Light Purple | Light Purple | Light Purple | Light Purple | Light Purple | Light Purple |
| Cyber RA | Cyan | Cyan | Light Purple | Cyan | Light Purple | Cyan | Light Purple |
| EU Copyright D. | Light Gray | Light Purple | Light Gray | Light Gray | Light Purple | Light Purple | Light Gray |

EU AI Act

Ciel': zabezpečiť, aby sa systémy umelej inteligencie používali bezpečne a zodpovedne

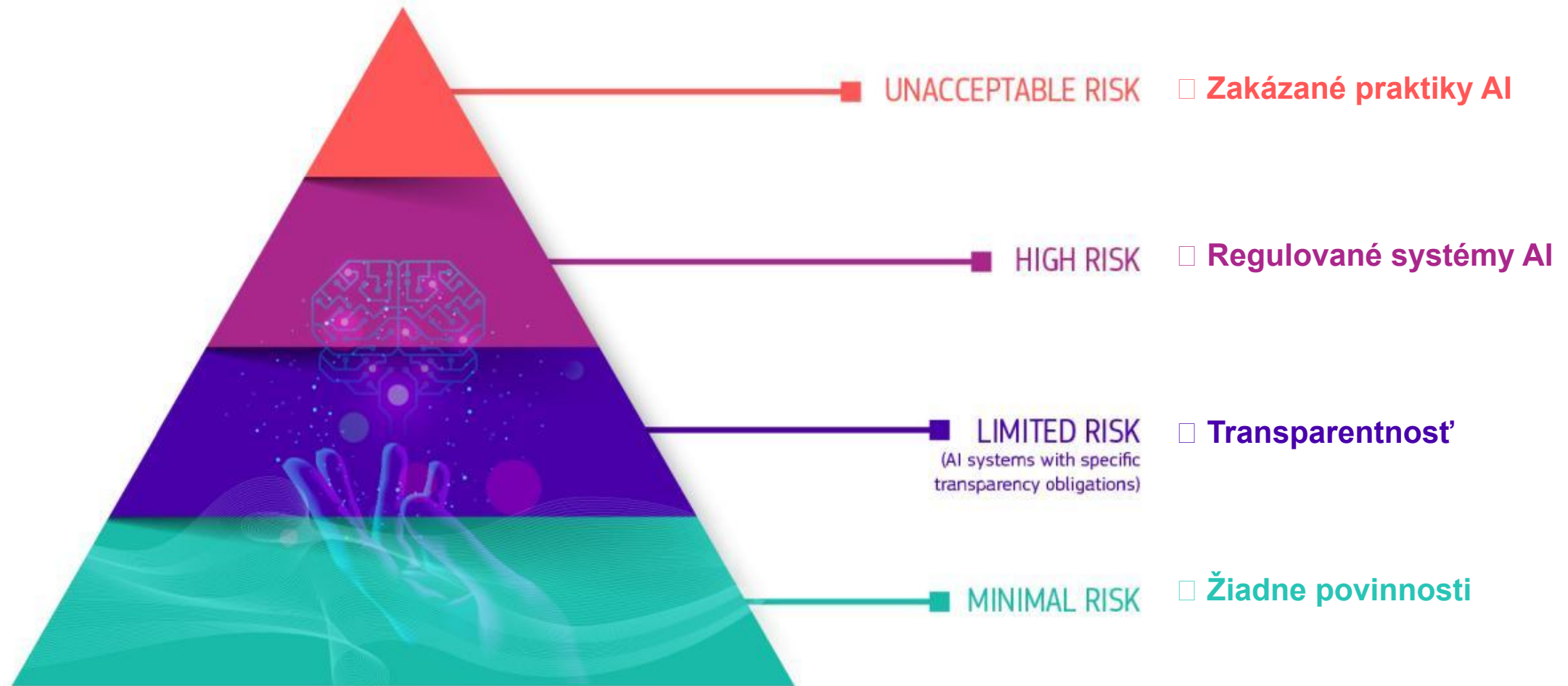
Zahŕňa všetky systémy umelej inteligencie a používa definíciu OECD

Platí pre systémy umelej inteligencie zriadené v rámci EÚ, dostupné v EÚ alebo pre občanov EÚ

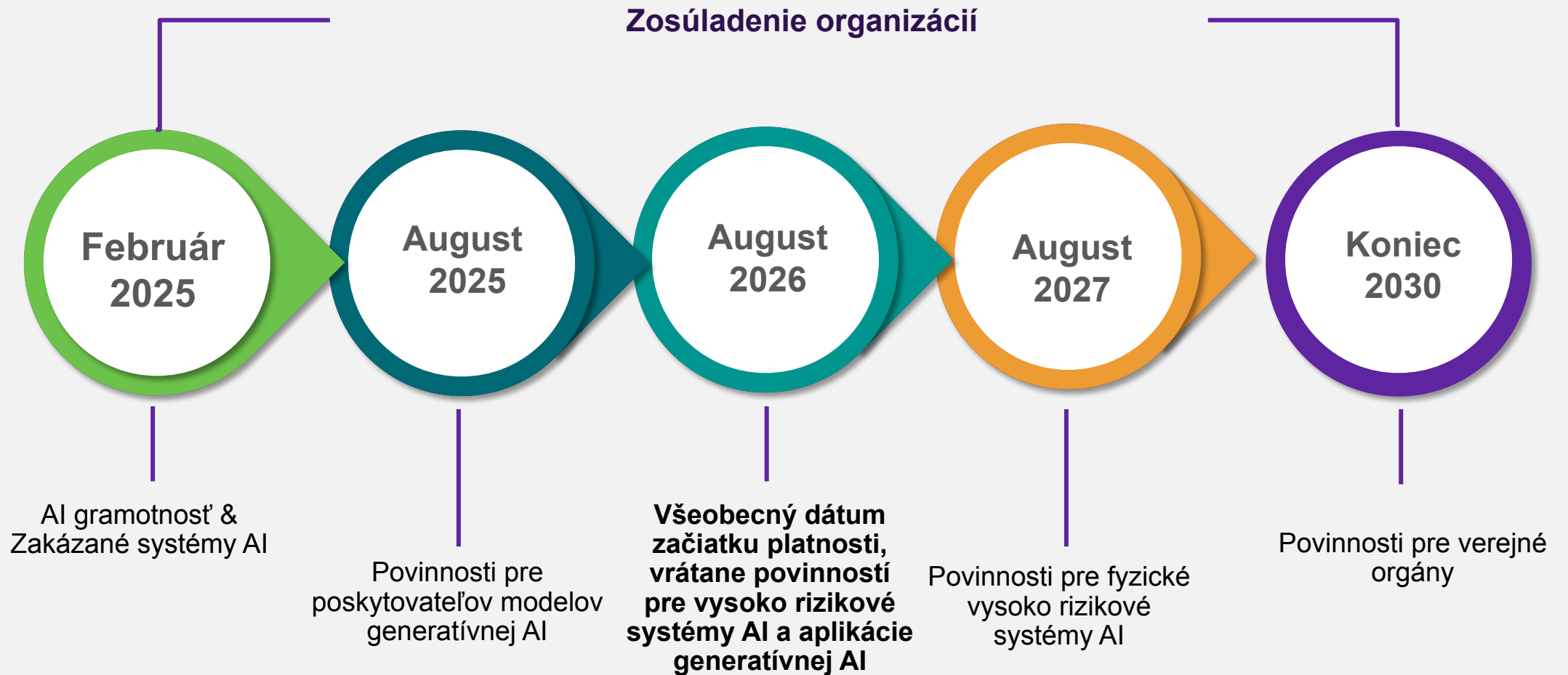
Prístup založený na rizikách: podľa klasifikácie rizík sú požiadavky na transparentnosť, dohľad človekom a hodnotenie rizík

Vysoké pokuty až do výšky 35 miliónov eur alebo 7% celosvetových príjmov

Prístup založený na rizikách

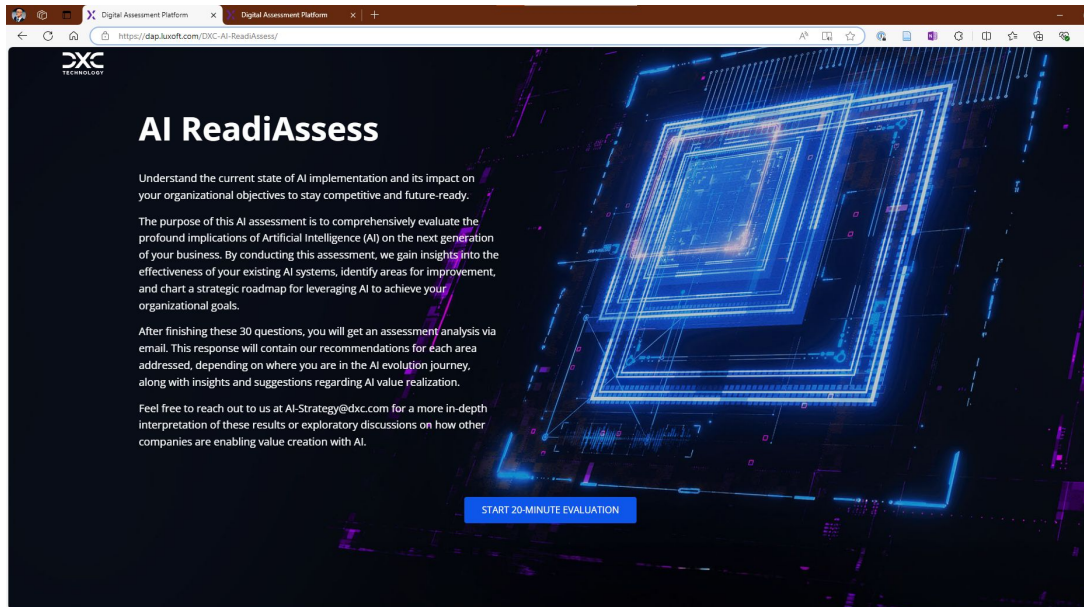


EU AI Act termíny



EU AI Act compliance začína jasnou víziou a prípravou na AI transformáciu od prvého kroku.

Kroky k úspešnej integrácii AI



DXC AI Maturity Assessment for the Enterprise

- Vykonanie hodnotenia zrelosti AI podľa DXC
- Zosúladenie AI iniciatív so strategickými cieľmi
- Vytvorenie roadmapy pre AI
- Založenie interdisciplinárneho výboru pre AI
- Vypracovanie štruktúry riadenia AI
- Vyhodnotenie existujúcej IT a dátovej infraštruktúry
- Vybudovanie interných kompetencií v oblasti AI
- Rozšírenie podnikovej architektúry o komponenty AI
- Vyhodnotenie externých partnerstiev

DXC AI Maturity Assessment for Enterprise

Data Quality, Privacy & Security

Data Governance

Data Infrastructure

Current state



The enterprise's data infrastructure for AI applications has progressed significantly, characterized by better accessibility, quality, governance, and integration capabilities, enabling more sophisticated and effective utilization of AI technologies within the organization.



Recommendations

DXC recommends implementing robust data governance policies, establishing scalable and secure storage solutions, ensuring data quality and accessibility across departments, and fostering integration with AI technologies to drive actionable insights and innovation throughout the organization's operations.

AI Regulatory Compliance Assessment

Ste pripravení na nadchádzajúce predpisy týkajúce sa AI?

- Súlad s novými predpismi týkajúcimi sa AI prinesie nové riziká pre vaše iniciatívy v oblasti AI
- Vytvorte AI systémy, ktoré sú nielen dôveryhodné, ale aj právne kompatibilné



Vzdelávanie v oblasti regulačných požiadaviek



Hodnotenie rizík existujúcich prípadov využitia AI



Sumár požiadaviek na súlad s predpismi



Akčný plán na dosiahnutie súladu s predpismi





DXC Consulting & Engineering Services
POWERED BY AI